

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

IAP9 Rec'd PCT/PTO 07 APR 2006

Tadashi OGASAWARA et al.

Serial No.: not yet assigned

Art Unit: not yet assigned

Filed: April 7, 2006

Examiner: not yet assigned

For: METHOD FOR PRODUCING Ti or Ti ALLOY THROUGH REDUCTION BY Ca

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

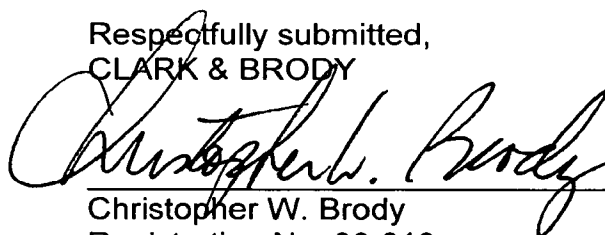
Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

As permitted by Rule 1.98(a), copies of the U.S. references are not included herewith.

Applicants respectfully submit that this disclosure is being made with the filing of the application therefore no fee is required.

Respectfully submitted,  
CLARK & BRODY

  
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Docket No.: 12054-0057  
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|--|--|--|---|
| FORM PTO-1449  | U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE | INVENTOR NO.<br><b>12054-0057</b>            | SERIAL NO.<br><b>Not yet assigned</b>                 |
| LIST OF REFERENCES CITED BY APPLICANT<br><br>(Use several sheets if necessary) |  | APPLICANT<br><b>Tadashi Ogasawara et al.</b> |   |
|  |  | FILING DATE<br><b>04/07/2006</b>             | GROUP ART UNIT <b>1793</b><br><b>Not yet assigned</b> |

## U.S. PATENT DOCUMENTS

| EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE       | NAME            | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|---------------------|----|-----------------|------------|-----------------|-------|---------------|----------------|
| /W.Z./              | 1. | 2,205,854       | 06/25/1940 | Kroll           |       |               |                |
| /W.Z./              | 2. | 4,820,339       | 04/11/1989 | Bienvenu et al. |       |               |                |
| /W.Z./              | 3. | 2,845,386       | 07/29/1958 | Olson           |       |               |                |
| /W.Z./              | 4. | 4,487,677       | 12/11/1984 | Murphy          |       |               |                |

## FOREIGN PATENT DOCUMENTS

|        |     | DOCUMENT<br>NO. | DATE       | COUNTRY | CLASS   | SUB-<br>CLASS | TRANSLATION<br>YES NO PART. |  |   |
|--------|-----|-----------------|------------|---------|---|---------------|-----------------------------|--|---|
| /W.Z./ | 5.  | 08-295955       | 11/12/1996 | Japan   |   |               |                             |  | x |
| /W.Z./ | 6.  | 2001-192748     | 07/17/2001 | Japan   |   |               |                             |  | x |
| /W.Z./ | 7.  | 64-047823       | 02/22/1989 | Japan   |   |               |                             |  | x |
| /W.Z./ | 8.  | 60-238429       | 11/27/1985 | Japan   | Cited on attached Search Report (no translation required) |               |                             |  |   |
| /W.Z./ | 9.  | WO 03/8156      | 05/08/2003 | PCT     |   |               |                             |  | x |
| /W.Z./ | 10. | 2003-129268     | 05/08/2003 | Japan   |   |               |                             |  | x |
| /W.Z./ | 11. | WO 86/07097     | 12/04/1986 | PCT     |   |               | x                           |  |   |
| /W.Z./ | 12. | 63-500389       | 02/12/1988 | Japan   |   |               |                             |  | x |
| /W.Z./ | 13. | WO 96/04407     | 02/15/1996 | PCT     |   |               | x                           |  |   |
| /W.Z./ | 14. | 10-502418       | 03/03/1998 | Japan   |   |               |                             |  | x |

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |     |   |                            |
|--|-----|---|----------------------------|
| /W.Z./   | 15. | A. Martinez, et al., "A chemical and electrochemical study of titanium ions in the molten equimolar CaCl <sub>2</sub> + NaCl mixture at 550°C", Journal of Electroanalytical Chemistry 449, (1998) pages 67-80. |                            |
|  |     |   |                            |
| EXAMINER   |     | /Weiping Zhu/   | DATE CONSIDERED 04/14/2008 |
| <p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p> |     |   |                            |